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UNITED STATES DISTRICT COURT
                        EASTERN DISTRICT OF WISCONSIN
     MARLEEN M. LAPLANT, on her own behalf and on behalf of a class similarly situated,
                         Plaintiffs.
                                                 Case No. 2:11-CV-00910
                vs.
     THE NORTHWESTERN MUTUAL
     LIFE INSURANCE COMPANY, a
Wisconsin Mutual Insurance Corporation,
                         Defendant.
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                VIDEOTAPED DEPOSITION OF ROBERT L. HOYER
14
                           Friday, May 17th, 2013
                                     9:00 a.m.
16
                                         at
                             QUARLES & BRADY, LLP
1 East Wisconsin Avenue
17
18
                             Milwaukee, Wisconsin
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                   Reported by Carla J. Miller, RPR, CRR
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Videotaped Deposition of ROBERT L. HOYER, a witness in the above-entitled action, taken at the instance of the Defendants, pursuant to the rules of Federal Civil Procedure, pursuant to Notice of Deposition, before Carla J. Miller, Registered Professional Reporter and Certified Realtime Reporter, in and for the State of Wisconsin, at QUARLES & BRADY, LLP, 411 East Wisconsin Avenue, Milwaukee, Wisconsin, on the 17th day of May, 2013, 10 commencing at 9:00 a.m. and concluding at 3:58 p.m. 11 12 APPEARANCES: KERSTEN & McKINNON, S.C., by MR. GEORGE P. KERSTEN and 13 E. CAMPION KERSTEN 11518 North Port Washington Road, Suite 104 Mequon, Wisconsin, 53092 Appeared on behalf of the Plaintiffs 14 15 16 BARTLIT BECK HERMAN PALENCHAR & SCOTT, by MR. SEAN C. GRIMSLEY and MR. ADAM HOEFLICH 1899 Wynkoop Street 17 Denver, Colorado, 80202 Appeared on behalf of the Defendants 18 19 NORTHWESTERN MUTUAL, by MR. RODD SCHNEIDER 720 East Wisconsin Avenue Milwaukee, Wisconsin, 53202 20 21 22 Mr. Mark Lyle, Ryker & Lyle Legal Video Service ALSO PRESENT: 23 24 25

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EXAMINATION PAGE MR. KERSTEN MR. GRIMSLEY EXHIBITS 6 (NONE) EXHIBIT NO. PAGE IDENTIFIED No. 1 - Hoyer Actuarial Litigation invoice 10 No. 2 - Nathan Associates invoice 10 11 No. 3 - Hoyer Actuarial Litigation report dated 3/4/13 12 4 - Plaintiffs' Motion for an Order Redefining the Class and for Related Relief 13 48 14 No. 5 - Dividend Interest Rates chart 15 99 No. 6 - Hoyer Actuarial Litigation report dated 6/30/10 16 122 17 7 - Trial Exhibit 127 chart 158 18 No. 8 - Affidavit of Robert Hoyer 19 No. 9 - Affidavit of Christ Trost 193 20 21 (Exhibits filed with original 22 transcript, copies to counsel.) 23 24 25

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TRANSCRIPT OF PROCEEDINGS

THE VIDEOGRAPHER: We are on the record. This is the beginning of disk one of the deposition of Robert Hoyer. It's being taken at the instance of the Defendants in the matter of Marleen LaPlant versus Northwestern Mutual Company -- Northwestern Mutual Insurance Company.

The case is pending in the U.S. District Court, Eastern District of Wisconsin, No. 11-CV-910.

Today we're at the offices of Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee Wisconsin. Today's date, May 17th, 2013. The time,

My name is Mark Lyle, today's videographer with Ryker & Lyle Legal Video Service, and the court reporter is Carla Miller, and we're here on behalf of Gramann Reporting.

First we will have counsel introduce themselves and state who they represent, and then the court reporter will swear in the witness. We will begin with the Plaintiff, please.

MR. KERSTEN: For the Plaintiff, George Kersten and Campion Kersten of Kersten & McKinna for

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MR. GRIMSLEY: For Northwestern Mutual.
         Sean Grimsley and Adam Hoeflich of Bartlit Beck, and
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         we also have Rodd Schneider of Northwestern Mutual.
    WHEREUPON.
                          ROBERT L. HOYER
                   Called for examination by and on
    behalf of the Defendants, being first duly sworn,
    was examined and testified as follows:
                      EXAMINATION
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    BY MR. GRIMSLEY:
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        Good morning, Mr. Hoyer.
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         Good morning.
13
         Do you recall that you were deposed previously in the
14
         LaPlant matter?
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         I was deposed on this case. I'm not sure precisely
16
         it was LaPlant. There's been a couple of different
17
                   MR. KERSTEN: Before we begin with the
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19
         substance of the deposition, I would like the record
         to show that we were not given notice of the
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21
         videotaping of this deposition. And I believe we
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         should go ahead with the videotape, but we reserve
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         the right to its use. We want to reflect on whether
24
         or not it is usable, but I think we should go ahead
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use of the video. MR. GRIMSLEY: It was my understanding that in this case the parties have been using a relatively informal method of noticing depositions, including just sending emails without an actual notice, but we can obviously take this issue up at a later time. I appreciate that you will let it go forward with the MR. KERSTEN: Fine. Let's do that. Just 10 to let you know, I think generally, at least we have followed the practice, that if something is going to 11 12 be videotaped, if a deposition is going to be 13 videotaped, we generally gave notice of that. I 14 don't know of any exceptions to that, but we can talk about that later. 16 BY MR. GRIMSLEY: 17 Well, you put on a suit today, haven't you, sir? 18 Yes, I have. 19 Is there any way differently you would have dressed had you known this would have been on videotape 20 21 22 A 23 Is there anything differently you would have done to prepare had you known this was going to be on 24

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and we will just reserve our right to object to the

You do recall having a deposition in Milwaukee at some point in time in this matter?

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Did you review that deposition transcript?

At the time I did, ves, sir.

Did you find anything in that deposition transcript that you disagreed with?

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Since that time have you thought of anything in that deposition transcript that you disagree with?

MR. KERSTEN: Object as irrelevant.

THE WITNESS: I have not thought of that deposition in some time.

BY MR. GRIMSLEY:

But there is nothing, then, today that you can think of specifically that you would disagree with in your prior deposition?

MR. KERSTEN: Same objection.

THE WITNESS: On a different matter than the basis for today's report, there is nothing that comes to mind.

23 BY MR. GRIMSLEY:

> Is there anything regarding the basis of the report we're going to be talking about today that you can

Video Deposition of Robert L. Hoyer - May 17, 2013

think of that was incorrect about your prior deposition?

No, sir.

videotape today?

25

(Deposition Exhibit No. 1-2 were marked for identification.)

BY MR. GRIMSLEY:

I'm going to show you what's being marked as Hoyer Deposition Exhibit 1 and Hoyer Deposition Exhibit 2. Let me just give copies to counsel.

Do you recognize Hoyer Deposition

Exhibit 1?

12 Yes, sir.

10

11

13 What is that?

14 That is a bill that I sent in this matter.

15 This is a bill for the work that you did in preparing 16 the report that you served on March 4th, 2013?

17 Yes, sir. A

18 It says that you spent 44.5 hours on that report. Q

19 That is correct.

20 Is that the sum total of time that you spent on 21 preparing the March 4th, 2013 report?

22 Yes, sir.

23 When did you start working on the March 4th, 2013 24 report?

I don't recall specifically, but it was approximately

- February 1, thereabouts. 2 0 So the work you did would have principally been in 3 February of 2013? Certainly in the beginning of March. Nothing, though, that you can think of before
 - Well, I have worked on this case prior to that, and certainly my cumulative knowledge and reviewing of documents was encompassed within this final -- this
- But with regard to actually preparing the report, 11 0 12 your work began in February of 2013?
- 13 New work specifically designed or directed towards 14 this report began at that time.
- 15 You work for Hoyer Actuarial Litigation, LLC?
- 16 A

10

- 17 Are you the only employee of Hoyer Actuarial Litigation, LLC? 18
- 19 I'm the principal and the only employee, if you use A that term. 20
- 21 Are there any other employees at Hoyer Actuarial
- 22 Litigation, LLC that are paid by that entity besides 23 you?
- 24 Paid by that entity. From time to time on various A 25 cases I have used subcontractors to augment the work



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Have you used subcontractors in this case? 0 I'm not sure how you would describe, Nathan Associates worked with me. They were not a subcontractor to me because they were not paid by me so I'm not sure how you're using that term "subcontractor." Do all funds that are paid to Hoyer Actuarial Litigation, LLC go to you after cost and expenses are 10 11 Yes, sir. A 12 You mentioned Nathan Associates. Please look at 13 Hoyer Deposition Exhibit 2. What is Hoyer Deposition 14 15 I have not seen this document prior to you handing it 16 17 Okay. Who is Nathan Associates? They are an economic consulting firm that does work 18 19 in computer area. Did individuals at Nathan Associates assist you in 20 0 21 preparing the May 4th, 2013 report? 22 They did various work at my direction, yes, sir. 23 And just looking at the hours, I don't want to ask you about what type of work they actually did, but 24

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just looking at the hours, does this to your mind

accurately reflect the number of hours that was spent by individuals at Nathan Associates on the March 4th.

- A I have no idea how many hours they spent. I have not seen this report prior and I did not control their
- Who to your knowledge controlled their hours?
- I know other individuals who were involved, but I'm not sure how to answer that question because I'm not -- I'm not sure how that exactly worked.
- 11 Look back at Deposition Exhibit 1. You will notice 12 that -- It's on Page 2. It says, "Billing for 13 actuarial services in connection with the dispute 14 Krueger versus Northwestern Mutual Life Insurance 15 Company, "
- 16

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- You are aware that the case that we are sitting and 17 18 discussing today is the LaPlant matter in Wisconsin?
- 19 That's correct. Krueger is a misnomer in this case. A
- 20 So you did bill separately for the Krueger case versus the LaPlant case? 21
- 22 I have been involved in that case as well.
- 23 But do you bill separately for those two cases?
- Well, I bill for the work that I do. And if it was 24 25 on a different case, I would bill separately for

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MR. KERSTEN: Counsel, if it helps, we will stipulate that's a typo.

MR. GRIMSLEY: That's fine. I just wanted to know if there was some umbrella name under which he's billing rather than billing by case.

MR. KERSTEN: No. No, that's just a typo apparently. That's my understanding.

BY MR. GRIMSLEY:

25

All said, how much has Hoyer Actuarial Litigation, 10 11 LLC been paid for its work for plaintiffs' attornevs 12 on matters involving Pre-MN annuities and Northwest 13

14 Offhand I have no idea because we're talking over a 15 period of several years.

- 16 This is the only case that you have actually Q
- testified in in the last five years? 17
- 18 A
- But you have no idea how much money roughly you would 19 20 have made from these cases?
- 21 I'm not sure because of the duration involved.
- 22 What percentage of Hoyer Actuarial Litigation's fees 23 over the past five years have been from cases related to Pre-MN annuities and Northwestern Mutual? 24
- A small percentage.





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         Give me a rough idea.
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         I don't recall precisely or even approximately how
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         much my total billings on this -- these related cases
         have been, so it's very difficult for me to estimate
         how much of that is relative to my total billings. I
         would have to go do an analysis to get you a
         legitimate answer.
         Has it been, just rough ballpark, 5 percent,
         10 percent, 15 percent?
         In that range.
10
         10 percent then is a fair --
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                   MR. KERSTEN: Objection as repetitious.
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                   THE WITNESS: I say I do not know, I
         haven't done that analysis, but that is a ballpark
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16
    BY MR. GRIMSLEY:
         How much does Hoyer Actuarial Litigation make per
17
         year roughly?
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19
                   MR. KERSTEN: Objection as irrelevant.
                   THE WITNESS: Since I do consulting work.
20
21
         it varies considerably from year to year.
22
    BY MR. GRIMSLEY:
23
         How much did Hoyer Actuarial Litigation make last
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25
                   MR. KERSTEN: Same objection.
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THE WITNESS: Yeah, I don't know. BY MR. GRIMSLEY: 0 You have no idea? I have -- Only ballpark. We just had tax season. You have no idea? I don't know, 100,000. I'm retired. (Deposition Exhibit No. 3 was marked for BY MR. GRIMSLEY: I'm going to hand you what has been marked as 10 Deposition Exhibit 3. You will see that this is a 11 12 report from you dated March 4th, 2013; is that 13 14 Yes, sir. Please look that over and let me know if this is the 15 16 March 4th, 2013 report that you prepared on behalf of 17 Plaintiffs' counsel in this case. 18 It appears to be. A 19 Please go to Page 2 of the report. (Witness complies.) 20 21 Paragraph 6. And it lists -- And it says there, "The attorneys for the Plaintiffs in this case have asked 22 23 me the following." Do you see that? 24 A 25 And then there are three bullet points there.

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That was the assignment that you were provided for A That was the assignment I was provided for this report, yes, sir. 6 0 Do these three items accurately represent your entire assignment for this report? 8 A This was everything you were asked to do? 10 That is correct. 11 Did you do anything beyond answering these three 12 particular questions for purposes of putting together 13 this report? 14 It's difficult for me to answer that question because I'm not sure how you mean that. Certainly in 15 16 answering these three questions, as I proceeded with my work towards these three questions, I made 17 18 observations based on information and conveyed them 19 to counsel. 20 But these three items were your assignment in the 21 22 23 Now, I don't see anything in these three bullet points about damages. Were you asked to calculate 24 25 what the damages would be in this case?

"Damages" can be defined as a legal term. Are you using that as a legal term? Q Well, I'm not an attorney, so I'm -- I have no opinion as to the legalese of "damages." I can talk to damages if you're using the definition from a Did you in any way attempt to fit what you were doing in this report to any sort of legal definition of 10 damages? 11 No. sir, I did not. 12 Were you asked to do that by Plaintiffs' counsel? 13 No, they did not. If they did, I would say I'm not 14 15 Did you do anything in this report to attempt to 0 16 calculate what punitive damages might be in this 17 case? 18 Now, that term is not used in this report and I did 19 no analysis in that direction. 20 Did you do anything to determine what type of 21 interest rates might apply to any sort of judgment in 22 this case? 23 Again, that's not --MR. KERSTEN: Objection -- Excuse me. I 24 want to object on the grounds that it is ambiguous as



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to whether you mean pre-judgment or post-judgment
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    BY MR. GRIMSLEY:
         Sir, did you do anything with regard to calculating
         interest as to any judgment, whether it's
         pre-judgment or post-judgment in this case?
         That was not included in Paragraph 6 and I did not do
         In your analysis, did you take into consideration the
    Q
10
         potential impact of any statutes of limitations in
11
         this case?
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         For purposes of this report I did not.
   A
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         Were you asked to do so by any of the lawyers?
         Again, I'm not an attorney. If they asked me to
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         review statutes of limitations, I would say that's
         beyond my scope and capability, but I did not in this
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         Did the lawyers provide you any assumptions that you
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         should make with regard to statutes of limitations?
                   MR. KERSTEN: Objection as irrelevant.
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                   THE WITNESS: No, that -- that never
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         surfaced in our discussions.
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    BY MR. GRIMSLEY:
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might have on your calculations? MR. KERSTEN: Same objection. THE WITNESS: No, I -- they did not specify BY MR. GRIMSLEY: You did not, in fact, take into account the impact that different state laws might have on your opinion? MR. KERSTEN: Same objection. THE WITNESS: No, I did not, and I do not 10 think that's -- impacts my analysis in any way. 11 BY MR. GRIMSLEY: 12 You have not provided in this report a basis for 13 determining punitive damages on a class-wide basis 14 using common proof, have you? 15 That term "punitive damages" is not mentioned in my 16 report. And your last part of your question appears 17 to be another legal term which, again, is not part of mv analysis. 18 19 Well, you were asked to determine what the accumulated difference was on policies on a 20 21 class-wide basis; correct? 22 On both a class-wide basis and an individual basis, 23 24 Now I'm asking about punitive damages then. You have not done anything to calculate what punitive damages 25

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Did the lawvers for Plaintiffs ask you to assume

anything about the impact that various state laws

Would be a current payment based on historical

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activity, so that would be what I would consider to be the first part of prospective relief for those policyholders. How is that prospective relief if you're paying money

into an account based on things that have happened in

Because it's only the first part of prospective relief, and the second part is in fact into the future and what would be fair and equitable 10 11 thereafter, so it's a part of.

Wouldn't it be --12

13 You cannot give prospective relief until a proper 14 reflection of past differences is done.

But part of that prospective relief would, in fact, 15 0 16 be retrospective in nature?

It would be current in nature. 17

18 It would be based on things that happened in the past 19 and there would be money provided by Northwestern 20 Mutual to an account based on things that happened in 21

22 It would be current adjustment based on historical 23 activity, yes, sir.

24 0 Is that damages?

In my dictionary term, it's certainly a part of what

might look like on a class-wide or individual basis? It's not mentioned here, I was not asked it, and I render no opinion in that regard.

Okay. You don't know, in fact, how somebody would go about determining punitive damages on a class-wide basis, do vou?

I'm not an attorney, I have no opinion.

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17 18 I want to look at the first bullet point in Paragraph 6. It says, "To describe a reasonable methodology that would provide the basis for prospective relief for current Pre-MN annuity policyholders." What do you mean by "prospective relief"?

Prospective relief as I have analyzed it and as I discussed with counsel, in my opinion, takes two forms: A difference to date for those individuals that are remaining in force and fair and equitable

treatment of those individuals prospectively from point of that adjustment.

19 "Prospective relief" is, to your understanding, a 20 legal term?

To my understanding I am using it as a dictionary 21 22

23 Okay. You said that part of the prospective relief 24 for in-force policyholders would be payment based on 25 past accumulated differences?



actual world with a segmented account actually were

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I would consider damages. You have brought up that
         term as a legal term. I have no opinion as to how
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         that fits your legal definition.
         With regard to the prospective aspect of this relief,
         which would involve paying up additional money in the
         future to match the life rate DIR, what would happen
         in the future if the Pre-MN annuity rate in the
         actual world exceeded the life DIR?
                   MR. KERSTEN: Object as to the ambiguity of
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         that question.
                   THE WITNESS: I'm not sure what you have
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12
         asked. I just don't understand what you're saying.
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         You understand that you have in your report put
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         forward something called a but-for DIR?
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    A
         Yes, sir.
         And the but-for DIR in your report is the DIR you say
17
         should have applied if -- to Pre-MN annuities if
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19
         Northwestern Mutual had not made the 1985 change?
         That is correct.
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   A
         We also have the Pre-MN annuity DIR in the actual
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22
         world, don't we? Meaning the Pre-MN annuity DIR in
23
         the world where the 1985 change occurred?
24
         Yes, sir, we do.
    A
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to surpass or be higher than the life rate DIR in the actual world --MR. KERSTEN: Objection --BY MR. GRIMSLEY: -- how would the prospective relief work in that MR. KERSTEN: Objection as without foundation. 10 THE WITNESS: Well, I think that's a 11 hypothetical question, because what I'm saving in my 12 report is that fair and equitable treatment of these 13 policyholders would put them on the basis of 14 dividends which result from an aggregate portfolio 15 approach to investments. And if that were the case, I'm not sure how that hypothetical could exist. 16 BY MR. GRIMSLEY: 17 Well. let's say there is a world in which say in 2015 18 19 short-term interest rates once again invert and 20 overtake long-term investment rates such that in the 21 actual world in 2015 the Pre-MN annuity holder is 22 actually better off with the Pre-MN annuity rate than 23 with the life rate. 24 MR. KERSTEN: Objection as to the --25 BY MR. GRIMSLEY.

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What if in the future the Pre-MN annuity DIR in the

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What would you do in that situation with your prospective relief?

MR. KERSTEN: Objection, the question is self-contradictory and ambiguous.

MR. GRIMSLEY: It's not self-contradictory.

MR. KERSTEN: I believe it is.

THE WITNESS: I think I understand your question, but I -- Again, the reason why I'm having a little trouble with it is simply that I am saying that there would not be or should not be a segregated portfolio that without the '85 change all policyholders, life and annuity and Pre-MN annuity, would be treated as a singular portfolio investment pot. So what you're saying is if sometime in the future a short-term vield -- Well, there wouldn't be a short-term yield relative to Pre-MN annuitants. They would be put in the aggregate yield, the portfolio yield of the company, so I -- it's possible that an inversion curve could happen in the future. but I don't think Pre-MN annuitants would be in that segregated account prospectively.

BY MR. GRIMSLEY:

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So I want to understand how your prospective relief would actually work mechanically. I understood that you were opining that each year there would be an

adjustment to the Pre-MN annuity DIR to bring it up to or down to the life DIR: is that correct?

- No, that is not what I'm saying.
- Are you saying that there would no longer be any segmentation going forward and everybody would then be in the same pot?
- Well, if the court were to say that this is an appropriate prospective relief, it would be as-if, so there would be no basis to maintain a segregated account if the Court directs the company to utilize an overall portfolio rate, so it's a hypothetical that does not exist.
- But you can imagine that there might be situations in the future where annuity policyholders might be better off under the segmented portfolio rate than under the life rate; correct?

MR. KERSTEN: Objection as without foundation.

THE WITNESS: No, I don't believe that could happen.

21 BY MR. GRIMSLEY:

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You don't believe there may never be an inverted yield curve again?

That's not what I said. I said the prospective 24 relief, as I described here, which is two part, the



to indicate that policyholders will be treated better or better off using various terms under the investment portfolio that they have utilized. So they, in fact, do exactly what you're saying. MR. GRIMSLEY: Move to strike after BY MR. GRIMSLEY: Sir, you cannot yourself predict what's going to happen with interest rates in the future, can you? 10 11 If you could do that you would be incredibly wealthy; 12 wouldn't you, sir? 13 I'm not sure. 14 If you could predict them accurately? MR. KERSTEN: Counsel, what's the point of 16 this question? 17 MR. GRIMSLEY: Objection to form is --MR. KERSTEN: I object as to form. I don't 18 19 think it's appropriate. THE WITNESS: I don't know. I'm not sure. 20 21 BY MR. GRIMSLEY: 22 But you're not incredibly wealthy, are you, sir? 23 MR. KERSTEN: Objection as irrelevant. You don't have to give your personal -- you don't have to 24 25 give your personal financial statement unless.

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counsel, you have got some basis that you can tell me about that it permits you to inquire as to his personal finances. Do you have such a basis or don't you?

MR. GRIMSLEY: Are you going to instruct him not to answer?

MR. KERSTEN: No, I'm going to ask you to desist from irrelevant questions. And if you have a basis, I would like to know, otherwise I will instruct him on his need to give his personal financial situation. I don't think that bears on the

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MR. GRIMSLEY: Then instruct him not to

MR. KERSTEN: I will so instruct him unless you can tell me what conceivable relevance it has and I am happy to consider that right now.

MR. GRIMSLEY: The conceivable relevance is if he can predict interest rates, like he's saving others in the past should have done, or did in fact do, he would be an incredibly wealthy man. He's not incredibly wealthy.

MR. KERSTEN: You have asked that question and he has answered it. What I want you to do is tell me the relevance of his giving his personal

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financial situation --

MR. GRIMSLEY: Instruct him not to answer

MR. KERSTEN: -- and I will be happy to instruct him that he can answer if you give me any suggestion why that's relevant.

MR. GRIMSLEY: I gave you what it is. If you want to instruct him not to answer on the basis of what I've told you, then do so.

MR. KERSTEN: If you have nothing more to say on its relevance, then I instruct you not to answer as to your own personal financial net worth. Basically that's what he seems to be asking here, and he refuses -- defense counsel refuses to tell me any conceivable bearing that might have on the issues in the case. So I tell you, you need not answer and should not answer any questions dealing with your own personal net worth.

BY MR. GRIMSLEY:

You're aware, sir, that there are other policies besides life policies that Northwestern Mutual sells, including short-term annuities such as the CRA?

I'm not even sure how you would describe that. I'm aware of that they have other policies, yes, sir.

You're familiar with something called the current



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rate annuity? 2 A 3 0 That's a product that Northwestern Mutual began selling as of 1985? That's correct. A People have actually bought that policy? I believe so. Does that suggest to you that some people have preferences for instruments that allow for short-term interest rate investments? 10 11 I did not analyze that product, so I'm not sure how A 12 that product was set up, only that it was different 13 than the Pre-MN annuitants. 14 Do you know anything about how that product was set 15 up in terms of the terms of the current rate annuity? 16 I know something; but, again, I didn't analyze it. 17 Do you know whether, in fact, it's actually a 18 participating policy? 19 I'm not sure if it is. But you do know that it's actually pegged to 20 short-term interest rates? 21 22 I'm not sure that it is. 23 You have no knowledge whatsoever sitting here today?

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analysis today. Do you think it would be interesting to know whether 0 there are putative class members who actually purchase the CRA? A It's irrelevant to my analysis. You don't find it relevant that some people have purchased an annuity product that is actually pegged to short-term interest rates at the same time as holding the Pre-MN annuity? 10 11 Look at the second bullet point, please. It says, 12 "To indicate whether the methodology could be applied 13 to all Pre-MN annuity policyholders on a common basis using a mechanical calculation." What did you mean 14 15 16 That whether a methodology would be applicable to 17 individuals and whether it would be a fair and reasonable representation of any difference and to 18 19 indicate whether that methodology would encompass any subtleties product to product, whatever. 20 21 What do you mean by "subtleties product to product"? Q 22 Any specific difference that might exist between one 23 policyholder's policy and another. 24 What differences between various policies of the 25 putative class members did you take into account in

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As I say, I looked at that policy years ago and I

don't recall precisely nor does it impact on my

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coming up with your opinions in this report?

All of them.

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What in your mind is "all of them"?

In my mind "all of them" means all of them. I was --We looked at various policies, we looked at distinctions that may exist or might exist or whatever, and we incorporated them into our methodology.

You are aware that there are three different types of annuity policies that are held by the putative class members, namely something called an FPA, or a flexible premium annuity; a single premium retirement annuity, or an SPRA; and a retirement annuity, an RA?

You're throwing out terms that I would have to review specific notes or review my analysis to determine if your exact representation is accurate and all-encompassing. I am aware that those type of differences were precisely what I was just talking about when I said whether a common methodology would apply to different kinds of policies.

Is there anyplace in your report that you can point to where you discuss whether or not there are, in fact, differences that are relevant to your analysis between the three different types of policies I just asked you about?

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Several places in my report I say that I am providing

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Q Where?

> the answer to the question that counsel provided to me, which is, could a common methodology apply across the entire Pre-MN annuitant group, and I conclude that the common methodology in fact does apply to all such policies. So what I'm saying is that yes I have considered differences, and I am telling counsel that I can opine positively that the methodology laid out in my report encompasses all such of those policies. But you understand the report is one of the only things I get to see that reveals the analysis that you provided, so I'm asking you about what the differences are that you identified and why you determined that those differences were not relevant

for purposes of the actual answer you came up with,

I developed a methodology and looked at every 19 20 difference that I could surface with and see within 21 policies and responded to counsel via this report 22 that this is the methodology that encompasses all 23 Pre-MN annuitant policies reasonably.

What specific differences between policies did you look at and consider in coming to the opinions set





forth in your report? MR. KERSTEN: Counsel, just as moment. I 3 object as to the ambiguity, and I have a feeling you're not -- there is an ambiguity that you may not be aware of. MR. GRIMSLEY: George, please -- literally, please, just object to form. MR. KERSTEN: I am. I'm objecting to the ambiguous form of that question. 10 BY MR. GRIMSLEY: You said that you had identified differences between 11 12 the policies and you made a determination that with 13 regard to the opinions in your report those 14 differences did not matter; correct? 15 That is correct. This methodology encompasses those 16 differences and treats them fairly. 17 What specific differences did you identify and analyze to come to your conclusion that such 18 19 differences would not matter to the conclusions set forth in your report? 20 21 MR. KERSTEN: Same objection as before. 22 THE WITNESS: Well, you have surfaced in 23 your previous question with certain types of

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the report, is that there might be from policy to policy a different policy loan rate. That's a difference between policies. And the analysis and the formula says that difference needs to be adjusted for in the formula, and so throughout the report the formula recognizes that difference between policies.

The report also specifies that there is a substantive difference between policies as to whether the policyholder has accepted or agreed to direct recognition, which is a technical term that we have defined throughout this case, or not, and the formula calculates differently for those -- that difference in policies. So I analyzed and considered as many differences as were able to surface among policies and policyholders, certain of which is specified in the report, a call for an adjustment in

MR. KERSTEN: Counsel, just so vou're aware, that was the ambiguity I was concerned with that has now been clarified.

BY MR. GRIMSLEY: You identified a few differences that you did take

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into account in your report, some of which didn't find their way into the methodology because you said they didn't need to and some of which did. Are there

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policies. That certainly is a difference which I

considered. Another difference, which is shown in

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any other differences between the various policies or policyholders that you took into account and analyzed in this matter before coming to the opinions in your

- Well, there is differences in perhaps expenses, and that's talked to in the report, and that is reasonably reflected in the formulas. So we certainly looked to -- we -- I certainly looked to whatever differences existed, and in my opinion I have considered and analyzed each of those differences and I'm opining positively to counsel relative to the question asked of me, that this mechanical methodology that I have developed applies appropriately and reasonably and fairly to all Pre-MN annuitants.
 - policies, meaning flexible premium annuity, a single premium retirement annuity, and retirement annuity; and you took that into account you say. You took into account the different interest rates on borrowing. You took into account whether a policy had direct recognition or not. You said you also took into account you said expenses. Are there any other differences you took into account?
- You have mentioned that there were different types of Again, I -- what I did was review as much as is

possible regarding the Pre-MN annuitant group, what kinds of policies, what differences there were, and certainly considered any such difference in developing the methodology that I have laid forth here, and in reviewing whether I would be able to opine positively to counsel relative to the guestion

- Sir, I'm just asking what other differences can you 0 think of between the policies or policyholders that you took into account before coming to your ultimate opinions in this report?
- 12 Literally every difference that I could surface with, 13 that I was told about, that I saw via extensive 14 review of documents in this case, so I believe I have 15 considered every such difference.
- Can you list any other differences other than the 16 ones that you have actually testified about? 17 18 Specific differences.
 - Off the top of my head, no. My work in this regard, as to what exactly the difference between policies in the Pre-MN group go back several years, is when I started looking at those policies and reviewing them. So I believe I'm aware of the differences that do exist to the extent there are any, but it was not done within the one month period prior to issuing



dictionary definition.

- this report, so I can't cite other specifics off the top of my head, no. Now, we talked about prospective relief for in-force
- 0 policyholders. For those policyholders that are putative class members but have surrendered or otherwise terminated their policies as of today's date, what would you call the relief you're calculating for them?
- That relates to the third question or third bullet of Paragraph 6 that counsel asked if that same methodology could quantify a difference for those policyholders which were in the initial class but are no longer in force, and my answer to that third request of Plaintiffs' counsel was positive, that the same methodology would apply, it will calculate a difference at the time of termination between the amounts accrued for each individual or group of policyholders compared to what I believe would be fair and equitable treatment but for, and that's the term that we have defined, but for the 1985 change.
- In your mind with regard to those putative class members that have terminated or surrendered their policies, would the relief be damages?
- The difference is the term I'm using. And, again, we're talking this distinction between a legal and a



That's why I asked in your mind. 0 Certainly in my mind, using the dictionary definition of damages, that would be a part of damages. What other part of damages would there be for the individuals who have surrendered or terminated their policy? Well, I could use as an example, if an individual policyholder terminated in 2005, what I have 10 quantified and what this methodology quantifies is 11 how much additional funds they should have received 12 in 2005, but in fact they did not receive any 13 additional funds, so clearly this difference is applicable to 2005. The Court may decide, someone 14 15 else may decide, that since it was not paid in 2005, 16 if it is paid in 2013, there is an interest 17 differential, that's beyond the scope of my report. You did nothing to determine on a class-wide basis 18 19 what the interest differential would be for 20 individuals in the putative class who have 21 surrendered or terminated their policies? MR. KERSTEN: Objection, ambiguous as to 22 23 form. THE WITNESS: I believe that's correct, 24 25 sir.

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- Are there any other parts of damages that you can think of besides the accumulated difference indicated in the third bullet point in Paragraph 6 for individuals who have terminated or otherwise surrendered their policies?
- Again, you're throwing out that term, and I keep saying I'm not sure how you're using it, in my definition of the dictionary term "damages" or a legalese perspective, and I'm not --
- 11 And that's fair enough.
- 12 I'm trying to answer as best I can, but you keep 13 asking the same thing and I keep saying there is two 14
- 15 That's fair enough. In your definition. And earlier in response to one of my questions on this issue, 16 using your definition, you said the accumulated 17 18 difference would be part of damages. So given your 19 understanding of damages, not the legal definition, 20 you then testified that interest might be another 21 component?
- 22 Might be, that's correct, sir.
- 23 Is there some other component of damages that you can 24 think of given your definition of damages that would 25 not be included in the accumulated difference for

individuals who terminated or surrendered their policies?

- I'm not an attorney, but I have been involved in litigation situations certainly, and there may or may not be punitive damages or costs. There is -- you know, it gets to be a determination made by the courts, not by my analysis.
- So you just mentioned also there are punitive damages and potentially costs. Is there any other part of damages given your definition of damages that you can 10 11 think of that would not be included in the 12 accumulated difference?
- 13 Offhand, from my definition, I'm not aware. I 14 realize that this I believe is a basis -- a 15 difference which is certainly part of damage.
- 16 But other than the accumulated difference, you did not actually in your report take into account any of 17
- 18 those other parts of damage? That is correct, sir.
- 20 Look at Paragraph 8, please.
- 21 (Witness complies.)
- 22 And the fourth line at the end says, "The data needed 23 to perform the formulaic calculations is readily available to NML and requires no additional data from 24 Pre-MN annuity policyholders." What is the data





needed to perform the formulaic calculations specifically? 3 A Well, again, I'm indicating in the sentence directly above your question that it can be applied to individual Pre-MN annuitants or specified groups. So the answer to your question, to be specific, which of those two do you -- are you questioning or are On a class-wide basis, what particular data would be 10 needed to apply your formula so as to fairly compensate in your mind the Pre-MN annuitants? 11 12

MR. KERSTEN: Objection as to the ambiguity, and if you want I can describe what I mean by that.

MR. GRIMSLEY: No.

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MR. KERSTEN: You don't want to know?

MR. GRIMSLEY: No, I don't.

MR. KERSTEN: I object to the ambiguity of the form of the question.

THE WITNESS: Well, as stated, the formula recognizes whether each Pre-MN annuitant would be in either a direct recognition or a non-direct recognition category; would have any loan rate or policy loan rate, either 5, 6 or 8 percent, because the formula differentiates among those things; and

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also to apply the formula, cash values and cash transactions would need to be known.

So cash values certainly should be readily available, cash transactions certainly should be readily available, and they would include deposits, withdrawals, policy loans, repayment of policy loans. Whatever cash transacts between the company and these Pre-MN annuitants.

- 0 One of the pieces of data that you would want is when certain premiums were actually paid; correct?
- 11 Yes, that's part of the cash transactions. So if a A 12 policyholder deposited an amount of money, how much 13 and when would be a necessary value to apply the 14 formula properly.

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- 15 And you would not only want to know what year the 16 premium was paid, you would want to know when in that 17 year the premium was paid in order to apply the formula properly? 18
- 19 No, that's not correct. As shown in the report, for purposes of simplicity and for purposes of 20 21 understandability, we took all transactions as of the 22 end of the policy year and applied the formula, and 23 the formula works perfectly well under that basis, 24 which is cash transactions defined by year. It also 25 states within the report that if more refined

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information were available, such as cash transactions at specific dates, the same formula would apply equally well to that additional information and provide a reasonable and reliable value for difference under that scenario as well. So the formula is the same, the value is equally reliable under each and could be applied under either scenario.

- Is it true, however, that the accumulated difference in an account would be greater if you assume the premium was deposited at the beginning of the year rather than at the end of the year as your model
- Yes, sir, that is accurate.
- So your model, if anything, comes up with a damages 15 number that is lower than in your mind the real damages number would be?
- 18 It comes up with a reasonable, reliable value for A 19 difference, not damage, for difference which in my 20 opinion is conservatively stated, yes, sir.
 - In your -- Does that mean that your model is really an estimate of the accumulated difference rather than the actual accumulated difference in the "but-for" world?
 - Yeah, there is -- it certainly is a reliable

representation and it is a reasonable and accurate estimation of that difference.

- But if you applied your model to the class, there are members of the class who would actually receive less
- money than they would if you took into account the actual dates of premium deposits rather than assuming that all of them occurred at the end of the year? We have shown it in the example within the report on
 - an end of year basis and state that that is a conservative estimate. If -- And we indicate in the report, I indicate, that if more detailed information were available, such as precise dates of cash transactions, that the reasonable and reliable and accurate estimation would in fact likely increase somewhat.
- Do you know whether anyone on behalf of Plaintiffs' 16 counsel has informed the class members that the 17 18 damages model you have adopted is conservative in 19 nature, meaning that it doesn't account for the 20 actual date of the premium deposit?
- 21 I have no idea what counsel has discussed with class 22 members.
- 23 Have you discussed it?
- But my methodology, I will underscore, is a 24 reasonable, reliable, and accurate representation of



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- the difference for policyholders. 2 Q Have you --3
 - A And is conservative relative to that one estimate or one aspect of cash transaction.
 - Have you personally asked any of the putative class members whether they agree with your model?
 - A No, I have not.

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- Have you personally asked any of the class members whether they agree with using a conservative approach that might actually understate the amount of accumulated difference for a particular class member?
- I have not; and I do not believe that a reasonable, reliable, and conservative estimate understates as that--that is not -- I think the process has shown that we're using year-end values--gives a reliable and accurate representation of the difference.
- You said that your model could take account of actual dates of premium deposits if that information were available; correct?
- Of cash transactions of which premium deposits or --20 21 whether you call them premium deposits, whatever, and 22 other cash transactions were to be identified on a 23 daily basis.
- Let's assume that Northwestern Mutual does not have 24 25 the actual date of premium deposit for all premium



deposits for the entire class period. At that point, in order to obtain that information, wouldn't you need to ask the annuity holder him or herself? Absolutely not. You would certainly not need to ask the individual policyholder. And I want to go to the

first part of your question, because it -- it applies on a general basis as well. Northwestern does not know. No insurance company knows the exact date of transaction because, in fact, they do various proximations or value adjustments themselves, such as cash transacted in a week is reflected on a Friday. Every company does that to some extent.

So the same thing applies within a company. So if more detail comes about and if Northwestern had such detail, this formula would reflect it properly. And if they are limited to providing information on an annual basis, this formula reflects that properly. In either case, you get a reliable accurate representation of the difference.

Assume with me that Northwestern Mutual for the entire class period does not, in fact, have even the weekly deposit information for all of the annuity policyholders. At that point, there is the possibility that you could get better information on

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the timing of deposits by going to each individual class member. It's at least possible, isn't it, sir? For a particular individual, you could perhaps get

- more accurate information. But as I state in my report, it's really irrelevant to getting a reasonable and accurate representation of the
- Do you think it's possible that there are individual 0 policyholders out there that would want a court to take into account more accurate information about the date of premium deposits if that individual has that information in his or her possession?
 - I'm not sure how to answer that question. In any class action I have ever seen, again, speaking as a non-attorney, just from my own awareness, class members are always allowed to go outside any arrangement and calculate or proceed on an individual basis, but I do not see why in this instance that would be of any value to any individual policyholder.
- You have not actually talked, however, to any individual policyholder about that issue?

MR. KERSTEN: Objection, repetitious and irrelevant.

> THE WITNESS: No. I have not. (Exhibit No. 4 was marked for

identification.)

BY MR. GRIMSLEY:

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- I'm showing you what is being marked as Deposition Exhibit No. 4. This is the Plaintiffs' motion in support of it's -- Well, this is Plaintiffs' motion for an order redefining the class that was filed with the federal court in this case. Do you recognize this?
- Yeah, I do not believe I have seen this before.
- I just want to ask you about the class definition. 10 11 And you will see on the first page, there is a 12 definition of the proposed class. Do you see that?
- 13
- 14 Have you been provided or have you seen previously 15 the proposed definition of the class?
- 16 I have not seen, I have been told.
- Please read this definition and let me know if it is 17 18 consistent with the proposed definition that you have 19 been provided.
- 20 I believe this is what I have been told.
- 21 As defined there, would the class include individuals 22 who had Pre-MN annuity policies in force as of 23 March 31st, 1985 but who terminated or otherwise surrendered their policies prior to 1993? 24
 - There is a Section B which excludes certain people.



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And to the extent they do not fall in Section B, it
         would include those people that terminated prior to
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                   MR. GRIMSLEY: We have been going for about
         an hour, a little over, if you want to take a break.
                   MR. KERSTEN: Sure. Could you give us a
         guesstimate or speculative guesstimate of how long
         we're going to go today?
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                   MR. GRIMSLEY: You know what, it's going to
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         depend on the answers that are given. My questions
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         are relatively short --
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                   MR. KERSTEN: Well, I realize that.
                   MR. GRIMSLEY: Well, when the answers are
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         three paragraphs long it definitely changes the --
                   MR. KERSTEN: Well, assume that, just give
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         me a reasonable --
                   MR. GRIMSLEY: I would say it would be six
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         to seven hours if the answers remain this long. If
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         they don't, it will be much shorter.
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                   MR. KERSTEN: So you're talking 3:00, 3:30,
         something like that? We want to know because we want
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         to confirm travel plans.
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                   MR. GRIMSLEY: I don't think so, unless you
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         want to have him each lunch while he's giving the
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deposition. I think it will be more like 4:30, 5:00. MR. KERSTEN: Let's do the best we can to keep it 3:00 to 3:30 if you can; okay? MR. GRIMSLEY: Talk to him. It will go much more quickly. MR. KERSTEN: He's pretty damn responsive, and maybe as things go on you will realize that I'm actually trying to expedite things by suggesting things are ambiguous because I think some of the 10 questions that you asked might encompass a couple different situations. That's always been my concern. 11 12 MR. GRIMSLEY: All right. Take a break. THE VIDEOGRAPHER: Going off the record at 14 10:12 a.m. 15 (Off the record.) THE VIDEOGRAPHER: We're back on the record 16 17 at 10:22 a.m. BY MR. GRIMSLEY: 18 19 Do you recall in the State Court part of this case that you provided an opinion during trial that 20 21 Northwestern Mutual should have given notice to its policyholders of the 1985 change? 22 23 MR. KERSTEN: Objection as irrelevant and the question goes to something that's already been 24 adjudicated and beyond the scope of this deposition. 25

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THE WITNESS: That has nothing to do with my current report, but I do -- I do remember that that was a topic of issue.

BY MR. GRIMSLEY:

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Go ahead and answer.

- You say it had nothing to do with your current report. Did you do anything at all with regard to your current report to determine what actions policyholders would have taken in the "but-for" world had Northwestern Mutual provided notice of the 1985
- Policyholders did not exist in the "but-for" world. The "but-for" world is a theoretical concept used to define a current difference. So it's -- I have no idea, and it's irrelevant to my conclusions, any actions they might have taken in such world. They did not live in that world.
- But you have not done any analysis for purposes of this report of what policyholders would have done in a world in which they had received notice of the 1985 change?
- 22 I have done no analysis in that regard.
- 23 You have also done no analysis in your report of what policyholders would have done if Northwestern Mutual 24 25 had provided notice and sought their consent to the

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1985 change?

A I have not done such analysis.

Were you asked by counsel to do such an analysis of whether -- of what the "but-for" world would look like if Northwestern Mutual had given notice of the 1985 change?

MR. KERSTEN: Do you mean other than this financial difference that he's analyzed?

THE WITNESS: You know, I developed the "but-for" world as the basis for my methodology, so counsel did not ask me to do anything in that world. It's simply a world used to develop a difference.

BY MR. GRIMSLEY:

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- Did counsel ask you to develop a model for a "but-for" world in which Northwestern Mutual had given notice to policyholders and asked for consent to the 1985 change?
- 18 Again, the "but-for" world is my definition, so 19 counsel did not ask me anything about such an 20
- 21 Counsel did not ask you to perform any analysis of 22 what policyholders would have done had they been 23 notified of the 1985 change?
- Not for purpose of this report. 24 A
- And counsel for purposes of this report did not ask



notification before a change, not of the change.

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Okay. Have you done anything with regard to this

report to determine what policyholders would have

you to do any sort of analysis of what policyholders would have done had they been notified of the change and asked for their consent? Not for purposes of this report. You have, though, testified before that Northwestern Mutual in your opinion should have given notice of the 1985 change? MR. KERSTEN: Well, repetitious; but, again, irrelevant here and --THE WITNESS: That was not my opinion. This is -- You're relating to not this report, but work done a couple of years ago on this case, and I would not agree with your characterization that I in any way opined that they should have notified them of

BY MR. GRIMSLEY:

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Is it your opinion that Northwestern Mutual was not under an obligation to notify its policyholders of the 1985 change?

the change. I don't agree with that.

That's correct, because the notification should have been done before the 1985 change, so they should not have notified policyholders that we made a change. That was improper and I would never agree with that. So notification was important, but I was talking years ago in an earlier part of this case about

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done had they been notified that Northwestern Mutual was going to make the 1985 change? That has no bearing on this report. Did counsel ask you to in any way analyze what policyholders would have done had Northwestern Mutual provided them with notice that Northwestern Mutual 10 was going to implement the 1985 change? Paragraph 6 specifies what counsel asked me, and 11 Α 12 that's not in Paragraph 6, so they did not ask me 13 that. They did not ask me anything other than what's 14 in Paragraph 6. 15 So you have not developed a model for determining on 16 a class-wide basis with common proof what 17 policyholders would have done had Northwestern Mutual notified those policyholders of the 1985 change 18 before Northwestern Mutual implemented that change? 19 There is a lot in that question. You used a legal 20 21 term in the middle of it. I'm not sure how to 22 respond to that question. 23 Well, you said, sir, that you have developed a model for determining the accumulated difference on a 24 25 class-wide basis: correct?

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- You did not provide an opinion as to what every single putative class member would have done had they received notice of the 1985 change before it was
- No one can provide an opinion as to what, quote, every single policyholder would do in any situation.
- You did not provide an opinion as to what the majority of policyholders would do if Northwestern Mutual had notified them of the 1985 change for implementing that change?
- 11 That cuts closer to what I did do prior to testimony 12 more than two years ago, or two years ago, and so I 13 did do some analysis in that regard.
 - What analysis, sir?

implemented?

MR. KERSTEN: Objection --

THE WITNESS: Precisely what I did two

years ago, I don't recall.

MR. KERSTEN: Objection as irrelevant and beyond the scope of this -- beyond the proper scope of this deposition.

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Did you at any point provide an opinion that one could determine on a class-wide basis what individuals who own Northwestern Mutual policies would have done had Northwestern Mutual notified them

On a class wide and an individual basis, that is correct, sir.

Have you done anything to determine on a class-wide basis what Northwestern Mutual annuity policyholders would have done if Northwestern Mutual had given them notice of the 1985 change before Northwestern Mutual implemented that change?

Yes, I --A

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MR. KERSTEN: Objection as repetitious. Go ahead and answer.

THE WITNESS: I have done analysis of that, and that was done not for purposes of this report but as part of my involvement at least two years ago.

BY MR. GRIMSLEY:

But there is nothing in this report on that guestion?

That's correct, that didn't happen and does not impact this report.

So you said you did something before on this issue. Did you previously, before this report, analyze and provide a model for determining on a class-wide basis what Northwestern Mutual annuity policyholders would have done had they been notified of the 1985 change before it was implemented?

A Analyze, yes, more than two years ago. Provide a

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they had been given notice of the 1985 change prior

to its implementation?

of the 1985 change before implementing that change? MR. KERSTEN: Same objection as before. 3 THE WITNESS: I have the same answer as before, which is no one can opine as to what every policyholder would do in any situation, let alone notification of the '85 change, so I certainly did not do that regarding every individual. BY MR. GRIMSLEY: But did you attempt to do it on a class-wide basis? 10 MR. KERSTEN: Objection as to the ambiguity of the word "it" and absorbing the earlier question, 11 12 which is equally ambiguous and also irrelevant; but 13 go ahead, Bob, do the best you can. THE WITNESS: What I did do, again, two 14 15 years ago, was opine as to the proprietary of making 16 such an announcement to class members. That I did 17 BY MR. GRIMSLEY: 18 But you have not opined as to what class members 19 would, in fact, have done if Northwestern Mutual had 20 21 given notification prior to implementing the 1985 22

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A Different policyholders do different things in any situation, it has nothing to do with the 1985 change, and I have no opinion as to what an individual policyholder would do in any situation. Now I want to ask you about your opinion from the earlier case that not only should Northwestern Mutual have notified policyholders before the change, but it 10 should have sought consent. Do you recall giving that opinion? 11 I provided opinions which were specified exactly, 12 13 precisely, and reflected my analysis two years ago in my report, and I testified on that basis. I remember 14 15 those topics being discussed, but I do not recall 16 precisely and exactly what my opinion was, how I 17 specified it in my report, and how I described it in court. However, I can tell you that the way I 18 expressed it in my report and the way I expressed it 19 in court is exactly the result of my analysis, so I 20 21 have no new perspective to provide. 22 Have you at any point done anything to determine what 23 class members would have done had Northwestern Mutual 24 notified them of the 1985 change and sought their 25 consent prior to implementing that change? G

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I was not asked to do that and I did not do that.

Do you think given your experience that different

policyholders would have done different things if

- I was never asked that question and I provided no opinions thereon.
- Sitting here today, can you say with any confidence what each class member would have done had Northwestern Mutual notified them of the 1985 change and sought consent before implementing that change? MR. KERSTEN: Objection as double in form

and irrelevant. Beyond the scope -- proper scope of this deposition.

THE WITNESS: I would not opine as to what any particular class member would do in any situation, whether it be the 1985 change or any other situation.

BY MR. GRIMSLEY:

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- And why would you not opine as to that?
- Because it would be speculative and I could not opine as to what an individual would do, that's not within the scope of actuarial work.
- Do you know or have an opinion on what types of different things various individuals would have done had Northwestern Mutual notified them of the 1985 change and sought consent before implementing that change?
- A I have never analyzed that. I have no opinion

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- Do you think that different people might have done different things in response to notification and request for consent?
- I will say again, different people can do different things on any issue irrespective of the 1985 change, it has nothing to do with that. I have no opinion as to what an individual would do in a given situation.
- Do you have any opinion as to what the class of 0 people would have done?
- 10 I was not asked that question, I did not analyze it, 11 and I have no such opinion.
- You're familiar with the 1983 update? 12
- 13
- 14 You're familiar that Northwestern Mutual in that 15 situation provided notice of the update and sought 16 consent for the update?
- 17 Yes, sir. A
- 18 Did everybody who was notified and asked for consent 19 agree to the 1985 update?
- 20
- 21 Roughly how many people did not agree?
- 22 I saw that information more than two years ago. I 23
- 24 0 Was it a substantial percentage that did not agree, in your recollection?





percentage. This report says that the formulaic

A I do not think that's accurate, but I'm not sure what the percentage is. 3 0 There were also individuals who consented to the 1983 change; correct? A Yes, sir. How many individuals consented to the 1983 change? I certainly do not know how many. Do you have a rough sense of what percentage of the individuals consented to the 1983 change? 10 I did more than two years ago when I reviewed that, but I do not recall at this time. 11 12 Well, you did as part of your report look at 13 individuals who had direct recognition versus 14 individuals who did not; right? 15 16 Individuals with direct recognition are the ones that 17 actually agreed to the 1983 update; correct? MR. KERSTEN: Objection as ambiguous as to 18 19 THE WITNESS: I believe so. 20 BY MR. GRIMSLEY: 21 22 So what percentage of individuals, given that you 23 have been looking at that issue for this report, have 24 direct recognition?

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mechanical approach needs to reflect the difference; and whatever percentage it is, the formula and the methodology here will reflect it and it's irrelevant what percentage it is. You said that different policyholders in your 0 experience may do different things. Do you recall A That's not my experience, that's fact. 10 Does your model take into account the fact that 11 different policyholders may have done different 12 things in the "but-for" world? 13 MR. KERSTEN: Objection as irrelevant. Go 14 ahead. 15 THE WITNESS: Yes, it does, because there was no "but-for" world and hence policyholders could 16 make no decisions in it because they were not in it. 17 It is simply a theoretical process used to determine 18 a current difference or a difference at time of 19 termination, but it did not exist. So I do have an 20 21 opinion, and the opinion is that since policyholders were never in that world, they could make no 22 23 decisions within that world. 24 25 Did you do anything to determine what policyholders

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For purposes of this report, it's irrelevant what

surrendered their policies at the same time as they

likely would have done had they been in a world in which Northwestern Mutual never made the 1985 change? MR. KERSTEN: Objection as repetitious. THE WITNESS: They weren't in the world so I didn't even consider what they may have done in a place that they were never in. BY MR. GRIMSLEY:

Your model that determines the accumulated difference does not take into account the different things that annuity policyholders would have done in a "but-for" world in which Northwestern Mutual never made the

MR. KERSTEN: Objection as without foundation, repetitious, and multiple in form. THE WITNESS: Yes, it does reflect what

they would have done. And since I know they did not exist in that world, they could have made no decision other than what they did do because they were never in the position to make such decision.

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Just to be clear, though, is it your opinion that if Northwestern Mutual had never implemented the 1985 change, every single class member would have made the same premium investments at the same time and borrowed the same amount at the same time and

did in the actual world?

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MR. KERSTEN: Objection as without foundation and multiple as to form.

THE WITNESS: If the change had not been made, policyholders would have behaved in a different

BY MR. GRIMSLEY:

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Your model does not account for the fact that policyholders would have behaved in a different manner if the 1985 change had never been made?

Yes, it does account for that by quantifying a 12 13 difference which is the result of the action of 14 Northwestern Mutual in implementing the 1985 change.

15 Go to Paragraph 20 of your report, sir. 0

16 (Witness complies.)

It says, "The cash value of a Pre-MN annuitant's 17 18 account at any point in time is based on the history 19 of cash deposits, expense charges, policy loans, 20 withdrawals, and the history of DIRs used to 21 determine policyholder dividends credited to the

22 account." Do you see that?

23 A Yes, sir.

24 And do you stand by that statement today?

What type of expense charges can change over time?

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- 0 You assume in your model that in the "but-for" world the cash deposits made by the various class members would have been made at the same time and for the same amounts as they were made in the actual world; correct?
- I'm assuming that because it's a fact. So cash transactions were factual, so the facts of the matter are the facts of the matter and that's what I used.
- If, however, Northwestern Mutual had never 10 implemented the 1985 change, would you have any reason to believe that the cash deposits would have 11 12 been of the same amount and at the same time as they 13 were in the actual world?
- 14 They would certainly not have been.
- The second item you mention is expense charges. What 16 do you mean there by expense charges?
- I mean charges for expenses. 17

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- That's an actuarial term? 18
- 19 That's a definition out of the dictionary.
- What is your definition of it? 20
- 21 Charges made by the company for expenses, to cover 22 expenses.
- 23 And those charges can change over time?
- It's possible, but many of them are defined within 24 A 25 the policy.

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Well, I specified in the report charges applicable to A deposits for the class representative did change over time, so that would be an example of how they can change. You are aware that there is something called the expense experience factor class? That's a term -- I would have to see it. That's not a defined term. It could be defined by Northwestern. 10 I don't recall it as specific to that. Do you recall having testified that prior to the 1985 11 0 12 change Northwestern Mutual placed Pre-MN annuities 13 and life insurance policies in a different expense 14 experience factor class? 15 16 What types of expenses can, in your opinion, a mutual 17 insurance company take into account in determining the appropriate value to assign to an expense 18 19 experience factor class? They can put into expense factors whatever they feel 20 21 like, literally, and write that into their policy and 22 a policyholder can either agree to that or not. But 23 what goes into an expense charge can reflect many

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developed and analyzed by the company, and the policyholder either can agree to that by buying a policy or not.

Is it your testimony that every consideration that goes into assigning a value to an expense experience factor class has to be set forth in the policy agreement itself?

MR. KERSTEN: Objection as beyond the proper scope of this deposition. Answer as best you can, if you understand the question.

THE WITNESS: A policy can state whatever a policy states. It's just a legal agreement. One policy to another can provide for expenses in many different ways. It can be a fixed rate, it can be a rate that can change by year based on experience, but it's specified in the policy. So there is a wide, wide range of possibilities to how a company can charge expenses to policyholders.

BY MR. GRIMSLEY:

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What I'm asking, though, is whether in your opinion every single consideration that a mutual insurance company takes into account in assigning a value to an expense experience factor class has to be set forth explicitly in the policy itself?

There is two parts to your question. You said in

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areas, such as administrative expense, profit,

contingencies, risks. It can vary, but it's

assigning a value. If the policy indicates that the assigning of a value will be determined based on experience each year, then the assigning of value is not determined at the time the policy is written. If, in fact, on the other hand within the policy there is a specified value which will be applicable. then it is determined at the time. So it can or cannot be and it's a function of the individual

- With regard to the Pre-MN annuity policies that are at issue in this case, do those Pre-MN annuity policies specify expressly what type of expenses will be taken into account in assigning a value to the experience factor class?
 - There is about four parts to that guestion; and if we can take them piecemeal, there is different answers to different things. You said is it expressly -- I don't even -- Could you read the question back and we will do it piecemeal, because there is a lot in

MR. KERSTEN: Before this is done, I do object to the question as multiple in form, and I think it's also beyond the proper scope of this deposition.

(The following question read aloud by



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reporter: With regard to the Pre-MN annuity policies
         that are at issue in this case, do those Pre-MN
 3
         annuity policies specify expressly what type of
         expenses will be ...)
                   THE WITNESS: Okav. The answer to that.
                   (The following question read aloud by
         reporter: "Taken into account in assigning a value
         to the experience factor class?")
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                   THE WITNESS: Assigning a value, yes.
    BY MR. GRIMSLEY:
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         How, with regard to assigning a value, is it
13
         expressly set forth in the policies that are at issue
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         in this case?
15
         In the policies in this instance it specifies in the
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         policy what those charges will be. Now, I have
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         already provided you an example for Ms. LaPlant of
         how those values did change over time, but they were
18
         expressly quantified, not specified as to what it
19
         covered, but specifically quantified in her initial
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22
         Given that the expense-related considerations were
23
         spelled out in Ms. LaPlant's policy, how could the
24
         expenses change from year to year?
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         Well, as indicated in the report, Ms. LaPlant's
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policy called for a 10 percent expense charge on deposits. After some duration, Northwestern began charging 6 percent on such deposits. They did so, to my knowledge, without any notice, but I'm not aware of whether there was one or not; but it was strictly in the benefit of Ms. LaPlant and any other comparable policyholders, so clearly no policyholder would take exception to that change from the value that was specified in her policy to what was actually 10 11 Would the expense charges have been the same as they 0 12 were in the actual world for Pre-MN annuity 13 policyholders if Northwestern Mutual had never 14 implemented the 1985 change? I'm sorry, could you read the question? (Question read aloud by the reporter.) 16 17 THE WITNESS: Yes. BY MR. GRIMSLEY: 18 19 And why do you say that? 20 Because they were specified in the policy. 21 You mentioned, however, that there were changes made 22 to the policies that were different, although better 23 than what was specified in the policy?

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been other changes like that in a world in which Northwestern Mutual had not implemented the 1985

- A I have no opinion in that regard.
- The next item you identify in Paragraph 20 is policy loans?

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- Did you assume that in your "but-for" world the dates and amounts of policy loans would have been the same for each class member as they were in the actual
- 12 Yes, I did, because those are the facts of the 13 transactions.
 - Did you do anything to determine what the dates and amounts of policy loans would have been in a world in which Northwestern Mutual had not made the 1985 change?
- 18 No, I did not. A
- Do you have any reason to believe that the dates and 19 20 amounts of policy loans in a world where Northwestern Mutual made the 1985 change -- Strike that. 21

Do you have any reason to believe that the dates and amounts of policy loans in a world in which Northwestern Mutual had not made the 1985 change would have been the same as in the actual

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I cited an example of one such incidence.

Can you say with certainty that there would not have

- I did not analyze that and I have no such opinion. I have no opinion one way or the other.
- Do you think it's likely that at least some of the policy loan dates and amounts would be different in a world in which Northwestern Mutual had not made the 1985 change?
- Absolutely. A

24 A

- The next item that you identify -- And did you take into account in your model the fact that policy loan 10 11 dates and amounts would have been different in a 12 world in which Northwestern Mutual did not make the 13 1985 change in coming up with your opinions in this 14
- I did not because that did not exist. 15
- 16 The next item is withdrawals. Did you assume for purposes of your model that the withdrawals in the 17 18 "but-for" world would have been for the same amount 19 and at the same date as withdrawals in the actual 20
- 21 I did because those are the facts of those 22 transactions.
- 23 Do you have any reason to believe that the withdrawals would have been on the same date and for 24 the same amount in a world in which Northwestern

Mutual had not implemented the 1983 change as in the -- 1985 change as in the actual -- Let me start 3 that over. Do you have any reason to believe that withdrawals would have been for the same amount and on the same date in a world in which Northwestern Mutual had not made the 1985 change as the actual world in which it did implement that change? I can assure you they would be different. A 10 Did you take into account the fact that they would be different in coming up with your model that is set 11 12 forth in your report? 13 Yes, I did, in saying that the "but-for" world is a nonexistent world. Transactions are facts, and the 14 15 methodology appropriately reflects those facts. 16 But you do acknowledge that if --17 MR. KERSTEN: Objection as argumentative in form by the use of the word "but." 18 BY MR. GRIMSLEY: 19 20 0 Are you an economist, sir? 21 22 Have you ever been asked to calculate damages in a 23 particular case? 24 Yes, sir.

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0 Any other than the actuarial situation or insurance That I am an actuary and I deal in insurance and healthcare, so other than the field in which I -which I act, I have not provided any testimony. 0 Have you ever provided an opinion on damages in a case involving financial products? A Yes, sir. 10 What types of financial products? 11 I have provided opinions, court documents, and 12 testified on the basis of the term damages -- and, 13 again, I define that in a dictionary sense of the 14 word--on numerous occasions. 15 Do you consider yourself an expert on damages as that 16 term is legally defined? 17 I don't define anything legally, and I have no opinion as to the legalese of a situation. I respond 18 19 to requests of me and perform analysis and -- and render opinions. 20 21 In fact, sir, you're not comfortable testifying about 22 what the legal definition is of damages, are you? 23 That's absolutely correct. 24 Have you ever before this matter held yourself out as an expert on calculating damages on a class-wide 25

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In what circumstance?

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> MR. KERSTEN: I object to the use of the word "class-wide" in that context because there is an ambiguity in the form, but not by counsel. Do the best you can to answer.

THE WITNESS: Okay. I have provided court testimony using the term "damages" in insurance and healthcare situations on more than fifteen occasions.

BY MR. GRIMSLEY:

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Have you ever developed a model for calculating damages on a class-wide basis prior to this opinion? MR. KERSTEN: Same objections as before.

Do your best.

THE WITNESS: Numerous times.

BY MR. GRIMSLEY: 15

What were those times?

I can't recall specifically all them, but I certainly remember some of them.

Was that always on the plaintiff's side? 19 0

20

Have you ever testified that a party could not 21 22 calculate damages on a class-wide basis in a 23 particular case?

The fact that I was testifying as to damages would be only those instances where damages could be

quantified, so I don't recall those other situations. Q Have you ever in the context of a motion for class certification provided a damages model for

calculating damages on a class-wide basis?

A

And what was that situation?

Many such situations.

Can you give me one?

I could give you one that was -- you know, cases are

I guess public information after they go to court, 10 11 but I certainly quantified damages using one such

12 example regarding Prudential and the vanishing 13 premium type policies.

14 Was that in the context of a motion for class 15 certification?

16

17 Any other examples besides that one?

18 More than 25.

19 And have those all been on the side of the plaintiff?

20

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21 So have you ever in any circumstance testified that a 22 party could not, in fact, calculate damages on a

23 class-wide basis?

(Question read aloud by the reporter.)

I'm sorry, read the question.





time is the history of DIRs. Do you see that?

THE WITNESS: I have not so testified. I have come to that conclusion and discussed those 3 situations with counsel. Such as this instance they asked me a question, I analyzed it, responded to counsel that in this instance I could do that. In some instances I would be asked by counsel can you do a certain thing. I would review that certain thing and conclude that no mechanical process could be used and that would be the end of my involvement, so it's 10 not a testifying situation. BY MR. GRIMSLEY: 11 12 But you said you had testified for defendants in the 13 context of class certification motions? 14 15 In the context of class certification motions, have 16 you ever provided an opinion on the defense side that damages could not be quantified on a class-wide 17 basis? 18 19 I do not recall testifying to that extent. Have you ever prepared a report in which you 20 21 expressed such an opinion? 22 Very possibly. I don't recall offhand. 23 Back to Paragraph 20, if you would, sir. The last

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A Yes, sir. 0 You assumed that in the "but-for" world the DIR for the Pre-MN annuitants would be the same as the life rate DTR? For those Pre-MN annuitants who opted for direct recognition and did not have a policy loan or for that portion of their business that did not take a policy loan. 10 For the other putative class members, what did you 11 assume with regard to the but-for DIR? 12 When you say for the other class members, I'm 13 translating that into being those class members who 14 did not take direct recognition and take several 15 pages to describe or to quantify or show what the appropriate and reasonable DIR is for those 16 17 individuals, but that's spelled out in my report. But for purposes of those calculations for those 18 0 19 other individuals, did you start with the life rate DIR and then make adjustments accordingly? 20 21 I started with the opinion that the life rate DIR for 22 individuals that opted for direct recognition is a 23 reasonable benchmark and an appropriate value to use for those individuals and the numerical 24 quantification applicable to those policyholders that 25

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item that you identify as relevant to determining the

cash value of an annuitant's account at any point in

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did not opt for direct recognition is a function of that value, yes, sir.

- Do you have any reason to believe that the history of DIRs would have been the same in a world in which Northwestern Mutual had never implemented the 1985 change?
- Can you read the question, please?

(Question read aloud by the reporter.) THE WITNESS: Well, the history of DIRs prior to 1985 was precisely what NML used, so that -what they used prior to the change is what they used and hence that part of your answer -- the question is yes. After '85, then I would have to take a look at that, and I made no assumption as to what would be different.

BY MR. GRIMSLEY:

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- You have made no effort to quantify what the DIRs would have been after 1985 in a world in which Northwestern Mutual had not made the 1985 change?
- Well, that's precisely what I did do. The "but-for" world is saying that the DIRs would likely have been the but-for DIRs as represented in this report if the 1985 change had not taken place. That's precisely what I did answer.

That is an assumption you're making about the DIRs in

the "but-for" world?

No, that's the result of my analysis and the application of this formula.

Did you make any efforts to actually calculate what Northwestern Mutual would have done with regard to the portfolio rate DIR in a world in which Northwestern Mutual had not implemented the 1985 change?

MR. KERSTEN: Objection as repetitious. THE WITNESS: For the Pre-MN annuitants, that's precisely what I'm quantifying in this report.

11 BY MR. GRIMSLEY: 12

13 Did you make any effort to determine whether 14 Northwestern Mutual would have altered the general 15 portfolio rate DIR --

MR. KERSTEN: Same objection.

BY MR. GRIMSLEY: 17

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-- if Northwestern Mutual had not made the 1985 change?

MR. KERSTEN: Same objection.

THE WITNESS: The portfolio rate DIR is the portfolio rate DIR. Certainly their actions every year are going to impact that result, but they did what they did and I used what they did. So those are, again, facts of the matter, so I didn't alter or